



千葉大学大学院理学研究院附属

ハドロン宇宙国際研究センター

International Center for Hadron Astrophysics

ICEHAP Online Seminar

Date **June 04 Thursday 10:00~12:00**

Location **Online via Zoom (The meeting url will be informed by mail.)**

By **Dr. Tomoki Morokuma (University of Tokyo)**

Title

『Optical Variability Surveys for Active Galactic Nuclei』

Abstract

Flux variability in optical wavelength is one of the common properties of (type-1) active galactic nuclei (AGN) and has been utilized for many purposes. We have been conducting wide-field variability surveys for AGN using Subaru (8m) and Kiso Schmidt (1m) telescopes and I summarize our observational results in this talk. The results include (1) general properties of AGN found by variability surveys, (2) searches for and variability properties of intermediate mass black holes in AGN, and (3) blazar variability related to surveys for blazars as an origin of IceCube high-energy neutrinos.